

1 BILL NO. S-81-11- 16

2 SPECIAL ORDINANCE NO. S- 251-81

3 AN ORDINANCE approving Change Order
4 Nos. 2 and 3 for 310-80, Phase IV,
5 St. Joe Interceptor Interconnect
6 in connection with the Board of Public Works

7 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY
8 OF FORT WAYNE, INDIANA:

9 SECTION 1: That Change Order No. 2 for 310-80,
10 Phase IV, St. Joe Interceptor Interconnect to Rocco Ferrera & Co.,
11 Inc. in connection with the Board of Public Works, for:

12 two parking lots (gravel) on California Road and
13 Johnny Applesseed Park that were completely disturbed
14 due to sewer construction - according to WPC
15 Engineering Records, the restoration of the parking
16 lots were not included in the original bid estimate,

17 SECTION 2: That Change Order No. 3 for 310-80,
18 Phase IV, St. Joe Interceptor Interconnect to Rocco Ferrera & Co.,
19 Inc. in connection with the Board of Public Works, for:

20 the asphalt base when previously estimated by the
21 Engineering Department included only the trench
22 width of sewer construction. However, at the time
23 of construction, the integrity of all the street
24 was lost due to fluid ground conditions on Harry
25 Baals Drive and also due to water line relocation
26 and other miscellaneous construction, such as 3/4"
27 water line taps, 6" sewer taps across the street,
28 and gas line relocation on Oswego Avenue. This
29 Change Order includes the additional base quantity
30 needed to reconstruct the street pavement. Also,
31 during construction, the Water Engineering Department
32 required additional work be performed on the
relocated water mains. The remaining items are
related to Storm sewer replacement that was in
conflict with excavation for the Sanitary sewer.
Also, quantities were required for the residential
drive approaches,

in the amount of \$96,375.00, as set out in the specifications,
which are on file in the Office of the Board of Public Works and
are by reference incorporated herein and made a part hereof,
be and the same is in all things ratified, confirmed, and approved.

1 SECTION 3: That this Ordinance shall be in full
2 force and effect from and after its passage, approval by the
3 Mayor.

4
5 
6 COUNCILMAN

7 APPROVED AS TO FORM AND
8 LEGALITY THIS 4th DAY
9 OF November, 1981.

10 
11 BRUCE O. BOXBERGER, CITY ATTORNEY

Read the first time in full and on motion by Burns, seconded by _____, and duly adopted, read the second time by title and referred to the Committee City of Fort Wayne (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on _____, 19____, at _____ o'clock _____ M., E.S.T.

DATE: 11-10-81

Charles W. Westerman
CHARLES W. WESTERMAN
CITY CLERK

Read the third time in full and on motion by Burns, seconded by Burns, and duly adopted, placed on its passage. PASSED (LOST) by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT	TO-WIT:
TOTAL VOTES	<u>6</u>	<u>1</u>	_____	<u>2</u>	_____
BURNS	<u>✓</u>	_____	_____	_____	_____
EISBART	_____	_____	_____	<u>✓</u>	_____
GIAQUINTA	<u>✓</u>	_____	_____	_____	_____
NUCKOLS	_____	<u>✓</u>	_____	_____	_____
SCHMIDT, D.	_____	_____	_____	<u>✓</u>	_____
SCHMIDT, V.	<u>✓</u>	_____	_____	_____	_____
SCHOMBURG	<u>✓</u>	_____	_____	_____	_____
STIER	<u>✓</u>	_____	_____	_____	_____
TALARICO	<u>✓</u>	_____	_____	_____	_____

DATE: 11-24-81

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL) (APPROPRIATION) ORDINANCE (RESOLUTION) No. 251-81 on the 24th day of November, 1981.

ATTEST:

(SEAL)

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

John Nuckols
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 25th day of November, 1981, at the hour of 11:30 o'clock A M., E.S.T.

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Approved and signed by me this 30th day of Nov. 1981, at the hour of 11 o'clock A M., E.S.T.

Winfield C. Moses, Jr.
WINFIELD C. MOSES, JR.
MAYOR

BILL NO. S-81-11-16

REPORT OF THE COMMITTEE ON CITY UTILITIES

WE, YOUR COMMITTEE ON City Utilities TO WHOM WAS REFERRED AN
ORDINANCE approving Change Order Nos. 2 and 3 for 310-80, Phase
IV, St. Joe Interceptor Interconnect in connection with the Board of
Public Works

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT
BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE DO PASS.

PAUL M. BURNS, CHAIRMAN

VIVIAN G. SCHMIDT, VICE CHAIRMAN

BEN A. EISBART

SAMUEL J. TALARICO

ROY J. SCHOMBURG

11-24-81
CONCURRED IN
DATE CHARLES W. WESTERMAN, CITY CLERK

71-104-14d 1
Law 10/28/81

CHANGE ORDER

Change Order No. 2
Project No. C-180599-06
Name of Project: St. Joe Interceptor Interconnect

Resolution No. 310-80 Phase IV
Board Order No. 15-80
Date: 10/13/81

To: Rocco Ferrera & Co., Inc.
(Contractor)

Gentlemen:

You are hereby requested to comply with the following changes from the contract plans and specifications:

Item No.	Quantity	Description of Change	Unit Price	Change in Contract Price	
		Description		Decrease	Increase
9	4,500± CY	#53 or #73 Special Backfill	10.75		48,375.00
10	1,600± Ton	H.A.C. Base	30.00		48,000.00
Total Decrease					
Total Increase					
Net (Decrease) (Increase)					
Contract Price					96,375.00

The sum of \$ 96,375.00 is hereby (added to) ~~(deducted from)~~ the total contract price and the final contract price shall be adjusted as follows:

Original Contract Price \$ 2,485,490.00
Current Contract Price Adjusted by Previous Change Order #1 \$ 2,518,438.56
New Contract Price including this Change Order \$ 2,614,813.56

The time provided for completion in the contract for this project is (unchanged) ~~(increased)~~ ~~(decreased)~~ by 0- calendar days due to this Change Order. The date for completion of all work shall be N/A. Furthermore, this document shall become an amendment to the contract, and all provisions of the contract shall apply hereto.

Recommended by: Philippe Enberg Chief Engineer Date 10/19/81
Accepted by: James J. Green ~~Engineer~~ Contractor Date 10/15/81
Approved by: Philip H. Heller City Engineer Date 10/23/81
Approved by: T. W. St. Owner Date 10-28-81
Robert Anderson
Bruce R. Collins
Attested by: Samuel Kennedy Clerk Date 10-28-81

Change Order No. 2

Resolution No. 310-80 Ph. IV

Board Order No. 15-80

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: _____

SEE ATTACHED SHEET

2. Will proposed change alter size of the project? Yes _____ No X

If yes, explain

3. Affect on operation and maintenance cost of this project:

N/A

Gregory J. Merrill
Project Engineer

JUSTIFICATION FOR CHANGE ORDER NO. 3
Resolution 310-80 - Phase IV
St. Joe Study Area - EPA C-180599-06
B.O. 15-80

ROCCO FERRERA & CO., INC., Contractor

Item #9

There were two (2) gravel parking lots on California Road and Johnny Appleseed Park, which were completely disturbed due to sewer construction. According to our records, the restoration of these parking lots was not included in the original bid estimate. ~~Therefore, this Change Order includes the additional quantity of gravel needed to restore those parking lots back to their original condition.~~

Item #10

This asphalt base when previously estimated by the Engineering Department included only the trench width of sewer construction. However, at time of construction, the integrity of all the streets was lost due to fluid ground conditions on Harry Baals Drive and also due to water line relocation and other miscellaneous construction, such as 3/4" water line taps, 6" sewer taps across the street and gas line relocation on Oswego Avenue. Therefore, this Change Order includes the additional base quantity needed to reconstruct the street pavement. ~~Other related asphalt items of binder and surface are sufficient as previously estimated.~~

71-104-14d 2
10/28/81

CHANGE ORDER

Change Order No. 3
Project No. C-180599-06
Name of Project: ST. JOE INTERCEPTOR INTERCONNECT

Resolution No. 310-80 Ph. IV
Board Order No. 15-80
Date: 10/13/81

To: ROCCO FERRERA & CO., INC.
(Contractor)

Gentlemen:

You are hereby requested to comply with the following changes from the contract plans and specifications:

Item No.	Description of Change		Unit Price	Change in Contract Price	
	Quantity	Description		Decrease	Increase
		SEE ATTACHED			
Total Decrease					
Total Increase					79,556.50
Net (XXXXXX) (Increase)			Contract Price		79,556.50

The sum of \$ 79,556.50 is hereby (added to) (~~deducted from~~) the total contract price and the final contract price shall be adjusted as follows:

Original Contract Price
Current Contract Price Adjusted by Previous Change Order #2
New Contract Price including this Change Order

\$ 2,485,490.00
\$ 2,614,813.56
\$ 2,694,370.06

The time provided for completion in the contract for this project is (unchanged) (~~increased~~) (~~decreased~~) by -0- calendar days due to this Change Order. The date for completion of all work shall be N/A. Furthermore, this document shall become an amendment to the contract and all provisions of the contract shall apply hereto.

Recommended by: [Signature] Chief Engineer Date 10/19/81
Accepted by: [Signature] Contractor Date 10/13/81
Approved by: [Signature] City Engineer Date 10/23/81
Approved by: [Signature] Owner Date 10-28-81
[Signature]
[Signature]
Attested by: [Signature] Clerk Date 10-28-81

ATTACHMENT TO CHANGE ORDER

Item No.	Quantity	Description of Change Description	Unit Price	Change in Contract Price	
				Decrease	Increase
17	400± LF	12" RCP Removal & Replacement	20.00		8,000.00
19	5± EA	Std. Inlets	670.00		3,350.00
29	960± LF	Water Main Relocation & Replacemrent	35.00		33,600.00
32	9± EA	Tree Replacement (3" Diameter)	630.00		5,670.00
39	650± LF	12" Storm Sewer on Oswego Avenue	17.00		11,050.00
42	20± LF	18" B.C.C.M.P.	42.25		845.00
43	1± EA	Flap Gate	241.50		241.50
44	60± LF	21" Storm Sewer	40.00		2,400.00
28	800± SY	4" Asphalt Driveways (Non-fundable)	18.00		14,400.00
			Total Decrease		
			Total Increase		79,556.50
Net (Decrease) (Increase)			Contract Price		79,556.50

Change Order No. 3

Resolution No. 310-80 Ph. IV

Board Order No. 15-80

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: _____

"SEE ATTACHED JUSTIFICATION"

2. Will proposed change alter size of the project? Yes _____ No X
If yes, explain

3. Affect on operation and maintenance cost of this project:

N/A

Gregory J. Merrill
Project Engineer

JUSTIFICATION FOR CHANGE ORDER NO. 3
Resolution 310-80 - Phase IV
St. Joe Study Area - EPA C-180599-06
B.O. #15-80

ROCCO FERRERA & CO., IN., Contractor

Items 17 and 19

During sewer construction on Harry Baals Drive in Johnny Appleseed Park, the construction crew encountered approximately 700± LF of 12" tile. According to park department personnel, this tile was supposedly being use for drainage.

Instead of replacing this tile, the Engineering Department restructured the drainage system in confies with the new road. Culverts were installed at all low spots with two inlets at each end and side ditches were regarded. This restructuring took about 300 LF of less sewer than what was originally taken out. By adding all the inlets and flap gates, this new system turned out to be more cost-effective and a better system.

Item 29

The original bid estimate of 3,110± LF included just straight line water line relocation, which was in conflict. However, during construction time, the Water Department requested considerable amounts of extra line connections from the existing water main to the new relocated water main. The contractor has submitted all the extra work involved which includes material for miscellaneous items, such as extra elbows, valves, thrust blocks, reconnections, etc. In addition to the above, 3/4" copper services were supposed to be disconnected and rehooked to the new relocated water line by means of couplings. These services were then included in the unit bid item. However, Water Engineering advised that installing couplings was not feasible and the danger of shearing in the future, due to settlement of the trench, was a possibility. They, therefore, requested one piece of copper tubing to be stretched out all the way from the new relocated water main to the curb stop on the opposite side of the street. A new unit price was negotiated at \$12.00/LF for 3/4" services. This was then prorated and paid for under unit bit item.

The extra work amounted to \$19,511.50. To reimburse the contractor the above amount was prorated as follows:

(a) $\frac{\$19,500.50}{\$35.00} \text{ (Unit bid price)} = 557.5 \text{ LF} \times \$35.00 = \underline{\underline{\$19,512.50}}$

The 3/4" services were also prorated as follows:

(b) 18, 3/4" services; 35± LF each; therefore,

$630 \text{ LF} \times \$12.00/\text{LF} \text{ (negotiated unit price)} = \underline{\underline{\$7,560.00}}$

(c) 3, 3/4" services; 35± LF each; therefore,

$$105 \text{ LF} \times \$18.00/\text{LF} \text{ (negotiated unit price after backfilling \& reinstalled)} \\ = \underline{\$1,890.00}$$

The total cost for the 3/4" services is \$9,450.00; therefore,

$$\frac{\$9,450.00}{\$35.00 \text{ (unit bid price)}} = 270 \pm \text{ LF} \times \$35.00 = \underline{\$9,450.00}$$

The total prorated footage is now 827.5 LF which is to be added to the actual relocated water main in field. The total bid item #29 now reflects a 4200 ± LF of water main relocation and replacement on Oswego, Vance, Northside and Harry Baals Drive and all the above extra miscellaneous work, the contractor has accomplished. Various local suppliers were contacted to verify material prices submitted by the contractor. After indepth review of material and labor, the Engineering Department feels that they are justified.

Item 32

These were approximately 20± trees estimated to be removed. However, actual field count done several weeks ago on the amount to be replaced is 29± trees. Therefore, this change order includes the additional 9± trees.

Items 39, 42 and 43

As construction progressed, the contractor had to remove an existing 12" storm line which was running longitudinally with proposed 60" sewer and also removed an existing 18" at the end of Oswego and Somerset, which was the outfall for the drainage. To replace this line, the Engineering Department could have reimbursed the contractor under item #17 @ \$20.00/LF. In our opinion, this unit price was excessive, and therefore, a new unit price was negotiated at \$17.00/LF to reconstruct the storm line.

Item #42 is a new item and the unit cost of \$42.25/LF as submitted by the contractor is comparable to recent bid prices. In addition to the above a flap gate was also needed per Department of Natural Resources since the end of Oswego Avenue is in flood plain.

Item #44

An existing 21" storm sewer existed at the end of Harry Baals Drive and Parnell. Since there was no bid item to reimburse the contractor for replacement, a new unit item has been created. The unit cost of \$40.00/LF is the same unit cost that this contractor bid on Phase I of this project. Therefore, we feel it is justified.

Item #28

During restoration on Oswego, Street Engineering Department requested 4" asphalt approaches for each residential driveway. Since this was not part of the contract and these approaches did not exist before, therefore, this item with the additional quantity in the Change Order shall not be grant fundable.

5490

S-51-11-16

TITLE OF ORDINANCE Change Order #2 & 3, 310-80 Phase IV, St. Joe Interceptor Interconnect

DEPARTMENT REQUESTING ORDINANCE BOARD OF PUBLIC WORKS

SYNOPSIS OF ORDINANCE Change Order # 2 & 3, 310-80, Phase IV, St. Joe Interceptor Interconnect,
Federal Grant #C-180599-06, Rocco Ferrera & Co., Inc. - Contractor. Change Order #2 - There
were two gravel parking lots on California Rd. and Johnny Appleseed Pk., which were completely
disturbed due to sewer construction. According to WPC Engineering Records, the restoration of
the parking lots were not included in the original bid estimate. Change Order #3 - This asphalt
base when previously estimated by the Engineering Depart. included only the trench width of
sewer construction. However, at time of construction, the integrity of all the street was lost
due to fluid ground conditions on Harry Baals Dr. and also due to water line relocation and oth
misc. construction, such as 3/4" water line taps, 6" sewer taps across the street and gas line
relocation on Oswego Ave. Therefore, this C.O. includes the additional base quantity needed
to reconstruct the street pavement. TURN TO BACK FOR FURTHER EXPLANATION.

EFFECT OF PASSAGE Continuation of the St. Joe Interceptor Interconnect, 310-80, Phase IV.

EFFECT OF NON-PASSAGE Completion of above mentioned cannot be possible

MONEY INVOLVED (DIRECT COSTS, EXPENDITURE, SAVINGS) \$96,375.00 to be paid for as follows:

75% EPA, 10% State, 15% City Utilities.

ASSIGNED TO COMMITTEE _____

During Constructions the Water Engineering Department required additional work be performed on the relocated water mains.

The remaining items are related to Storm Sewer replacement that was in conflict with excavation for the Sanitary Sewer

Also quantities were required for the residential drive approaches.